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1	UNITED STATES DISTRICT COURT EASTERN DISTRICT OF NEW YORK	
2	EASTERN DISTRICT OF NEW YORK	
3	X	
4	ORDER REQUIRING APPLE INC	
5	TO ASSIST IN THE EXECUTION	
6	OF A SEARCH WARRANT	
7	ISSUED BY THE COURT, ET AL	
8	15 MC 1902	
9	X	
10	United States Courthouse	
11	Brooklyn, New York	
12	0ctober 26, 2015 11:30 o'clock a.m.	
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14	TRANSCRIPT OF ARGUMENT BEFORE THE HONORABLE JAMES ORENSTEIN	
15	UNITED STATES MAGISTRATE JUDGE	
16	APPEARANCES:	
17	For the Government: ROBERT L. CAPERS United States Attorney	
18	271 Cadman Plaza East Brooklyn, NY 11201	
19	BY: SARITHA KOMATIREDDY	
20	LAUREN H. ELBERT AMEET KABRAWALA	
21	Assistant US Attorneys	
22	For Apple: ZwillGen	
23	1900 M Street NW Washington, DC 20036	
24	BY: MARC J. ZWILLINGER, ESQ.	
25	JEFFREY LANDIS, ESQ.	

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2 Court Reporter: 1 Gene Rudolph 225 Cadman Plaza East 2 Brooklyn, New York (718) 613-2538 3 4 Proceedings recorded by mechanical stenography, transcript produced by computer-aided transcription. 5 6 \* \* \* \* \* \* 7 8 9 THE CLERK: Civil cause for oral argument, 15 Miscellaneous 1902, In Re Order Requiring Apple Inc to 10 Assist in the Execution of a Search Warrant. 11 THE COURT: Good morning. 12 13 May we have the appearances, please? For the 14 government? 15 MS. KOMATIREDDY: Good morning, Your Honor. 16 Saritha Komatireddy for the United States. joined by Lauren Elbert and Ameet Kabrawala, both Assistant 17 18 United States Attorneys. 19 THE COURT: Welcome to all of you. 20 MR. ZWILLINGER: Good morning, Your Honor. 21 Marc Zwillinger for Apple. I am joined at counsel 22 table with my colleague Jeffrey Landis. 23 THE COURT: Good morning to both of you. 24 All right, folks. First I want to thank you all for 25 the briefing that you have provided, very informative, very

helpful. I know it has been on a somewhat quick schedule, so I appreciate that. It's really helped me get a handle on some of these issues and also made it clear to me how very close some of them are, to my mind.

I will have some questions for both sides as we go along but I do want to hear from you. As we get started though I want to bring to your attention something that one of my colleagues alerted me to because I do intend to ask about it. I will ask my deputy to hand a copy down.

It is a letter from the government and some testimony in a hearing before Judge Johnson in a case in this district. The letter is dated July 9, 2015, and the testimony was taken on September 3rd of this year in United States against Djibo.

I bring it to your attention because the basic assertion on the part of the government that brings us here is the proposition that the iPhone at issue here is one that the DEA and FBI have tried and failed to unlock because of the pass code and the government expands from that in its brief to say that the government, broadly speaking I suppose, is simply unable to unlock the phone at issue here.

So the reason I bring the Djibo materials to your attention is because on page five of the letter the government writes, HSI, Homeland -- Department of Homeland Security -- I always forget what the I stands for. In any event, HSI is in

possession of technology that would allow its forensic technicians to override the pass codes security feature on the subject iPhone and obtain the data contained therein.

In other words, even if HSI agents did not have the defendant's pass code, they would nevertheless have been able to obtain the records stored in the subject iPhone using specialized software. The software works to bypass the bi-code entry requirement and unlock the cellular telephone without having to enter the code. Once the device is unlocked, all records in it can be accessed and copied.

Then in the testimony in the Djibo case the government's forensic expert expanded on that and explained something about how it works, including under cross-examination by the defendant's counsel in that case, and made clear that the software version in that case was running -- the iPhone in that case was running, the software version of IOS 8.1.2, if I am not mistaken.

I am giving this to you now. I learned of it since your briefing. If you have some thoughts on it I am happy to hear it but I don't want to put you on the spot. I want you to know that this has come to my attention and I'll, of course, afford both sides here an opportunity to submit something further on it if they like.

That's where I am starting from. I am going to have a number of questions, I'm sure. But Ms. Komatireddy, or one

5 of your colleagues, or whoever wants to be heard, why don't 1 2 you start. 3 MS. KOMATIREDDY: Thank you, Your Honor. 4 We would like to make some introductory remarks and of course we are happy to answer any questions the Court may 5 6 have. 7 THE COURT: Yes. 8 MS. KOMATIREDDY: In this case, the most important 9 thing to remember is that a federal court issued a federal 10 search warrant commanding agents to search a phone for 11 evidence of crime, a crystal meth conspiracy. THE COURT: The search warrant has expired over a 12 13 year ago, correct? MS. KOMATIREDDY: There were two search warrants 14 issued. There was one search warrant issued in 2014. 15 16 THE COURT: That is the one attached to the 17 application. 18 MS. KOMATIREDDY: No, sir. The first search warrant was for the home and the devices. 19 20 THE COURT: No. I am talking about the one attached 21 to the application now before me. 22 MS. KOMATIREDDY: Yes. 23 THE COURT: I should note, by the way, the 24 application said it is attached as Exhibit A. It is not on 25 It should be. I will ask you to correct that. the docket.

6 1 But it was attached to the email by which I initially got the 2 application. 3 Anyway, that warrant has expired over a year ago, 4 hasn't it? MS. KOMATIREDDY: The warrant was issued July 6th. 5 It has to be executed within two weeks of the issuance date. 6 7 With electronic evidence you can initiate the execution of the 8 search warrant by attempting to search the device, turning it 9 on and placing it in airplane mode. The agents here began 10 that search but were unable to complete that search because of 11 the password bypass. 12 THE COURT: So you are saying it's already started 13 and you can finish it at any time? 14 MS. KOMATIREDDY: Yes, sir. THE COURT: I am not sure I agree with that. I 15 16 don't think it matters a bit. Even if it expired, I would 17 assume that you are making a request for a renewed warrant. 18 But it does raise the question, why is it the 19 government waited from July of 2014 until October of 2015 to 20 ask Apple for this assistance as recounted in your brief only 21 then to tell me that you need me to issue an expedited 22 decision. 23 MS. KOMATIREDDY: Fair enough, Your Honor. 24 The government, as noted in the brief, there are two

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agencies involved in this case, the DEA and the FBI.

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first primarily attempted to enter into the phone using its own technology. After being unable to do so, it consulted with the FBI.

I want to note that there were ten cellphones seized from the defendant's home. That search warrant at issue on July 6th was for all ten cellphones. They were in the process of executing a search warrant on the other phones. That took some time. It also took some time for the government to explore the reasonable alternatives available to it in order to execute the search warrant without having asking for third-party assistance.

Once it determined, both agencies determined that they could not get into the phone without Apple's assistance, the government reached out to Apple. I do think it's important to note the government reached out to Apple first before ever applying for any relief in this Court and asked if it could bypass the pass code and do so within time for trial. Apple stated that it could and would with a Court order and stated that it would do within one to two weeks. To accommodate the revised schedule here in the briefing, Apple now stated it can actually do it in one day. That's the turnaround time we now expect.

In that process of those conversations, Apple provided the government with specific language from its legal process guidelines that it required, that it insisted on,

requested for what it would consider an order that it could follow in executing the government's request for assistance. When the government applied to this Court for and order, it used that language.

Now, this was a textbook example of Apple's long-standing and responsible corporate practice of bypassing locked cellphones when it has a Court order requiring it to do so.

Since 2008, our initial estimates are that Apple has received at least 70 court orders requiring it to assist in this manner, has never objected to them and has complied. I'm sure counsel for Apple has the exact number available for you. That number is based on an initial survey, an ongoing query of government prosecutors around the country.

THE COURT: I take it, that fact, you are not saying, I don't think you are saying, that it constitutes any sort of waiver. It's really just a question of burden.

MS. KOMATIREDDY: That is correct. It's not a waiver per se.

It's worth noting that Apple in that process since 2008, and we quoted the very first email we have on record, where Apple provided this guidance, throughout that time period it had an established procedure for routinely taking in these requests, complying with them, processing them and informing the public about this practice by continually

publishing and updating its legal process guidelines.

During that same timeframe that it has been processing these requests Apple has grown to become the biggest company in the world. So plainly any burden in terms of employee resources or time or reputation was minimal.

The government's application in this case followed that same template, that same routine procedure. It was not secret. It was not new. It did not invoke any new legal authority. It did not seek any new broad surveillance authority. It did not ask Apple to create any capability that it did not already have. It was just a simple routine request for assistance in carrying out a valid search warrant issued by a federal court, as Apple has done so many times before.

For years Apple has provided this assistance and until two weeks ago Apple indicated to the government that it would provide that assistance again in this case. Apple's position in Court today represents what we consider to be a stunning reversal of that position, and Apple's stated reason for this reversal is a concern for its brand. This is unfortunate. American consumers should expect that American companies protect their privacy and their safety.

THE COURT: Your brief goes to a surprising length to questioning the patriotism of a company that stands on its rights in this way. Whether I agree or disagree with it really doesn't help me resolve the legal issue. But it does

create an atmosphere I think that, it isn't helpful. You don't think they are patriotic to question. You have made that clear in your brief. I'd really just as soon focus on the legal question.

MS. KOMATIREDDY: It's not a question of patriotism, Your Honor. It's a suggestion, Apple states in its brief that it is happy to -- it takes seriously its responsibility of assisting where there is legal access, there is a legal form of access to data, and it takes a stand against improper access. There is no improper access here. There is a valid federal search warrant.

Of course, we welcome this debate and we welcome the opportunity to explore these issues but we are a little bit surprised only because in this case -- Apple has for a long time complied with lawful Court orders requiring and requesting exactly what we are requesting in this case.

THE COURT: I take it -- forgive me for interrupting. I take it, there is no question that, leaving aside any possibility of an appeal to the higher court, if the end result of this case is a court order that Apple must do what the government seeks, Apple is going to comply here, right?

MR. ZWILLINGER: That is correct, Your Honor. Apple would comply with an order of this court.

THE COURT: Okay. That's why I am not sure I

understand. You are not saying that there is some sort of waiver or estoppel based on past practice. I am not sure that what Apple has done before goes to anything other than giving some insight into the burden.

MS. KOMATIREDDY: That's exactly right, Your Honor.

THE COURT: I get that.

MS. KOMATIREDDY: I want to add one more point, Your Honor, which is the comment on what American consumers expect for the company. It's not a comment about patriotism. It's a comment on what Apple has perceived as damage to their brand. This Court shouldn't condone the notion that a company has a negative impact on its brand when it follows US law or that --

THE COURT: It is such a tendentious way of putting things. It's just not going to help me.

Look, there is a wonderful argument to be made, as you make it, that Americans expect that corporate citizens will comply with law. Apple will do so here. There is no question about it.

But there is a competing interest that they have identified and, I take it, you would acknowledge that any private entity called on to be pressed into service by the government is in the best position to identify what its interests are, whether or not they should give way to them. They are in the best position to tell us, here is what we value, here is what is important to us. You may say well,

that's not a good value. We don't think Americans share that value, all right thinking Americans at least.

How does it help me understand the legal issue here?

MS. KOMATIREDDY: It is a comment on the burden,

Your Honor. Our position is, it doesn't actually damage the brand. There is not actually a burden in terms of reputational burden.

THE COURT: Is that based on any kind of data, any evidence or is it just -- it can't be that people won't appreciate it if Apple complies with the law and helps you promote an investigation.

MS. KOMATIREDDY: It's based on a couple of things.

First, in the last seven years Apple has published its practice of complying with these sorts of orders, providing assistance to law enforcement to get into locked phones when there are valid search orders. That practice has been public. It's reasonable to assume that customers have been aware of that. Even a cursory search of Apple support blogs or discussion forums --

THE COURT: So why did the government announce that it's not seeking to seek backdoor legislation?

MS. KOMATIREDDY: That is a separate issue. Here, this is not a backdoor.

THE COURT: It's not a backdoor. It's the same basic idea, which is the government for reasons sufficient to

itself -- this is another reason why I don't think it is useful to have the conversation about whose values are better. But the government announced a decision, surprisingly unknown to me, on the same day that this application was made that they are not going to seek authority from Congress to require a company like Apple to provide access that gets past password or encryption.

If you are saying that look, all right thinking
Americans are going to want a company like Apple to do just
that, I don't understand why the government would balk at
asking Congress to require it.

But it doesn't matter. The question is, Apple says it is a burden. If you can say look, here is some evidence that shows it really doesn't hurt them, we have done some market research or they have and they are not telling you about it, I get it. But if it is just look, we don't think Americans would like this, I understand the argument. You have made it well. But what more does it get me?

MS. KOMATIREDDY: I think the basic point, you are right, Your Honor, that the -- whether or how the government sought backdoor legislation is irrelevant. The basic point --

THE COURT: That's what I said? Okay.

MS. KOMATIREDDY: Here -- the basic point here is,
Apple has been doing this for a long time and it has been
public for a long time. The brand hasn't hurt. That is

14 evidence in itself there is no reputational burden. 1 2 THE COURT: Okay. You are saying the brand hasn't 3 been hurt because it's grown, the company? 4 MS. KOMATIREDDY: The company has grown. 5 THE COURT: You have done some regression analysis 6 that factors out other things that may affect the value of the 7 brand? 8 MS. KOMATIREDDY: I have not, Your Honor. 9 THE COURT: Okay. Why don't you move on to another I think I understand this one. 10 point then. 11 MS. KOMATIREDDY: Okay. The Court has made 12 several -- made observation that Congress although it didn't 13 expressly ban what -- the assistance that the government is 14 requesting here, that there is not a gap in the law because 15 recent debate has shown that Congress has refused to authorize 16 what the government is requesting here. We believe that the 17 Congressional statements that have been made so far are just 18 that, a few Congressional statements, a few proposed bills, 19 but no actual legally cognizable action. 20 THE COURT: I had a question about that. This I 21 think gets to the heart of one of the most important issues, 22 which is the applicability of the act. 23 You are saying, that what we have here is 24 Congressional silence and silence is meaningless. 25 MS. KOMATIREDDY: Yes, Your Honor.

THE COURT: If I mischaracterizing, please do correct me.

What level of Congressional action or inaction speaks loudly enough for the Court to take into account in deciding whether there is some gap that the All Writs Act fills?

MS. KOMATIREDDY: Actual law.

THE COURT: So short of Congress passing a law prohibiting what you want here, it's fair game? Anything else that Congress may have done in terms of considering legislation one way or the other, because it doesn't result in a statutory prohibition, wouldn't be enough to say, it's off limits for the All Writs Act?

MS. KOMATIREDDY: Yes. Short -- essentially yes.

Because all that Congress has done so far here is start a debate. There are 535 members of Congress. A few have commented. A few have heard testimony, and there are four proposed bills. The four proposed bills that the Court cites in its opinion never even were voted on. They were referred to committee and died there.

THE COURT: How far does this go? This won't be the last time the government seeks to use the All Writs Act, and as we all know by now, pretty thin list of cases that provide guidance. So how far does this go?

If, for example, Congress voted decisively to reject

a bill that would explicitly confer the authority that you want the Court to allow here, took a vote on a bill and rejected it, 434-to-1, is that still Congressional silence because you can't parse why people voted against it?

MS. KOMATIREDDY: I think so, Your Honor. The reason is this. Because if there is a Congressional will to actually prohibit this practice, those 435 people could simply pass a law prohibiting it. In fact, Your Honor has actually cited three bills that have been proposed in the current Congress to ban the exact access we are requesting here. Those bills were not passed. They did not get out of committee. They were not the subject of floor debates. They got no traction. That can reasonably be read as Congress saying for now, for whatever reasons, all 435 people have, for now the status quo should remain.

It's also reasonable to assume Congress is aware of the government practice of government obtaining All Writs Act orders and aware of that background when it makes the decision to act or not act. In fact, when you look at the hearings that Your Honor cited, part of the testimony at one of those hearings actually made clear that testimony by the FBI executive assistant director made clear that in the past companies had the ability to decrypt devices when the government obtained a search warrant and a court order. Congress is aware of that practice. The debate that was going

on about the so-called going dark issue was about when you get a Court order, the company not being able to get into a device and whether there should be legislation to address that.

So I think with all of that in mind, given that Congress doesn't have a developed debate on this, in fact a debate I would say is preliminary, there are no bills that went past committee and in fact bills that were proposed to prohibit this practice were not passed, were not debated, were not voted on. All that's left is the status quo.

THE COURT: Last -- not last probably, but one more question on how far does this go.

Another variation on the scenario I posed before. If you have -- a bill goes through Congress that started out with language conferring the authority you seek here, and unanimous agreement to strip it out of the bill before it is passed, so we still don't have legislation one way or the other on it. We have a very clear record to take it away from a bill that otherwise would have it. Still Congressional silence that makes it fair game for a Court to grant the authority under the All Writs Act?

MS. KOMATIREDDY: The hypothetical is, that there is language to prohibit what we are requesting?

THE COURT: No. Say the government can force a company like Apple to break into one of its phones, where the user won't and has forgotten the password. So basically, this

case codified as part of a larger bill and that provision is unanimously stripped out before it passes. So we still have the same statutory regime that we have now but we have everyone in Congress voting to take away something that would give you this authority.

Still Congressional silence?

MS. KOMATIREDDY: It is, Your Honor, because everyone in Congress could easily vote the other way.

Everyone in Congress could easily make an affirmative law that states that it grants this authority.

THE COURT: Okay. If in doing that they say you know what this is a separate bill. We are going to do it next week. It's on the agenda. We are going to vote on it in the intervening week; still can do this under the All Writs Act?

MS. KOMATIREDDY: Yes, sir.

THE COURT: Okay.

MS. KOMATIREDDY: Because Congressional silence is Congressional silence. There are a number of examples of Congress considering bills and doing nothing about them. But that doesn't undermine the current legal authority. A simple example is the House has passed at least 30 times a bill seeking the repeal of the Affordable Care Act. That doesn't undermine the Affordable Care Act's reasonable effect.

THE COURT: Obviously the concern is as Congress goes longer and longer due to influences we are all familiar

with that we needn't rehearse here, it goes longer and longer without revisiting statutes that are daily getting more and more outstripped by the technology. It's taking -- this use, this proposed use of the All Writs Act takes away the legislative authority from Congress and puts it squarely in the courts. It just seems to be so at odds with the separation of powers that we have that it's hard to believe that it squares with the intent of the All Writs Act.

MS. KOMATIREDDY: The All Writs Act was passed as parts of the Judiciary Act of 1789. Some call it antiquated. It's actually foundational. It comports with the separation of powers.

THE COURT: It initially passed in 1789. It has been updated as recently -- Congress passed this version in 1949.

MS. KOMATIREDDY: Right.

My point is, when Congress created the federal courts it also ensured that whatever orders the federal courts issued it could make those orders effective. If federal court issues a search warrant, it could to do what it needed to make that search warrant effective if doing so was reasonable, didn't cause unnecessary burden, there were no alternatives to the government, et cetera.

So with that in mind it's not unreasonable for a Court to do what is necessary to effectuate its orders. I

don't think that affects separation of powers.

As to Congress moving too slowly and therefore delegating what the Court may consider undue authority to the judiciary on this matter, Congress also has to engage in its own agenda setting and prioritization. Given the number of issues that they have to take up, if they feel -- assuming background knowledge that Congress legislates against the background of current law, if they realize and know how current law operates, which is reasonable to assume they do in this case, and they are fine with it operating the way that they are, there is no reason for them to prioritize this particular issue at the top.

In fact, that's what you are seeing here. Because this application is about IOS 7 and before, which in a few years will probably be an obsolete issue. In a few years Apple devices aren't even going to carry IOS 7. So the --

THE COURT: I hope so. I hope they won't. Because the Court here won't let me update to eight. Definitely won't let me get nine.

But go ahead.

MS. KOMATIREDDY: You see my point, Your Honor.

Because this particular issue is actually probably dwindling in importance. It's reasonable for Congress to let the All Writs Act continue to apply and debate what it has been debating, the more salient issue of the future of IOS 8 and

beyond and devices where even when you have a court order you cannot get access.

THE COURT: One other slightly different question about the Congressional silence here. Do we actually have Congressional silence? This is something where I can really use your help. I acknowledge, I could so easily be getting it wrong.

Under CALEA, two related questions. First, Verizon is a, or AT&T, they are clearly covered by CALEA.

MS. KOMATIREDDY: Yes, Your Honor.

THE COURT: If they were to manufacture the same kind of device with the same sort of software carrying password encryption, would Calea's provision against forcing a provider, telecom carrier to engage in this decryption, prevent the Court from ordering Verizon to do what you want Apple to do?

MS. KOMATIREDDY: CALEA wouldn't address that situation because CALEA only requires the telecommunications carriers retain the capability to intercept realtime communications, data and motion. Think Title III wiretap.

THE COURT: No. I know what it requires them to do.

But I thought -- this is where my own note-taking has failed

me. I thought there was a provision in CALEA that

specifically addressed decryption and it exempted from other

obligations of a telecom provider any obligation to provide

such encryption services. MS. KOMATIREDDY: There is a provision in the House and Senate reports that accompanied CALEA where it states -- Congress states that telecommunications carriers have no responsibility to decrypt encrypted communications that are the subject of court ordered wiretaps unless the carrier provided the encryption and can decrypt it. In essence, when considering those realtime communications that are being intercepted on a prospective Title III wiretap, the provider has the obligation to decrypt communications that it is capable of decrypting but not otherwise. (Continued on next page.) 

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THE COURT: Okay. And that may moot the second question. I will tell you what I have in mind. On any of this, both sides, if there is something that you think that needs a supplemental submission, you know, I welcome it. We can talk about scheduling for that later. I'm sensitive to the need to expedite.

Is Apple an information service within the meaning of CALEA? The reason I ask, because I have that sort of-- the understanding, maybe mistaken, that I asked just a moment ago, whether decryption, there is an exception for decryption.

But, so, does Apple qualify as information service, within the statute?

MS. KOMATIREDDY: Your Honor, I don't believe it does. I am just looking for the specific statutory definition. CALEA's definition of information service restricts it to telecommunications carrier, classic public utilities, not device manufacturers.

THE COURT: Okay.

That was a very long diversion from what I-- an argument you were making, if you can find your place, I welcome you going back to it.

MS. KOMATIREDDY: Fair enough.

THE COURT: If not, I have other questions I could ask. I wanted you to get to your points.

MS. KOMATIREDDY: I'm a happy to answer any

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questions from the Court. We will rely on our briefs for our legal basis.

THE COURT: Okay. Then I will -- I have to go through my notes.

One of the things, just about the burden, I apologize, I will skip around. You stated the vast majority of cases, where you have gotten assistance from Apple and have been resolved without Apple having to testify. That makes intuitive sense.

Where they have been required to testify, what kind of level of detail is required to authenticate what you get from their services. Does it ever put them in the position of having to reveal something that is a trade secret or something like that?

MS. KOMATIREDDY: Interesting question, Your Honor.

In our survey so far of Government prosecutors, we have not actually identified a specific instance where they have been required to testify. I have had many prosecutors in those 70-cases say, they were not. A few say, yet to be determined because the cases are not yet resolved. Perhaps Apple's counsel has an example.

THE COURT: If you don't mind, do you have a number?

MR. ZWILLINGER: We believe that Apple has been required to testify about twenty times, in cases where they have done these device extractions in the past. It is not a

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comprehensive count either, that is asking the people who have gone to testify.

THE COURT: Do you know if there has ever been an issue in any of those cases, where the nature of the testimony has itself implicated Apple's interests?

MR. ZWILLINGER: From Apple's perspective there is an issue in all cases, to the extent, to prepare people to testify to not go into information that would implicate Apple's proprietary interests. But, they have managed to find a way to introduce some testimony.

THE COURT: In terms of the burden, it is not a realistic prospect that if you're ordered to do what the Government wants here, at the trial in the case, you are going to have to reveal, how to break a pass code for example.

MR. ZWILLINGER: The burden would not be that that would impose, you know, it would infringe Apple's proprietary interests.

On the other hand, in the cases where Apple doesn't have to testify, there is still significant back and forth, signing of declarations, negotiating stipulations. It is not that every case, where they do a bypass involve the several hours process of a bypass, there is usually extensive work after that, even in cases where they don't have to testify.

THE COURT: Ms. Komatireddy, a separate issue that I'm struggling with here. Just in terms of how the analysis

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There seems to be sort of two halves to the analysis, one is, does the act apply at all. And the second is, if it applies, then we are under New York Tel and the

5 three prong test.

goes.

There is a part of the burden analysis that keeps -- I keep losing my place, trying to figure out if-- is burden or applicability. It is this. What you want them to do is not give over information or do something that they do anyway for their own business purposes or make available to you, facilities that are their's, right?

Those three characteristics, capture all of the cases you have cited under the All Writs Act.

What you are asking them to do is do work for you. I am-- so there are two questions. One is, analytically where does that fall? Does it fall into the category, applicability that the All Writs Act either does or doesn't allow that? Or does it fall into category of, is it an unreasonable burden for purposes of New York Tel. Do you see the difference I'm trying to get at?

MS. KOMATIREDDY: I do see the difference. I think analytically it falls under the burden. The All Writs Act does not specify the nature of the assistance. The case law simply says from New York Telephone and onwards, a third party can be required to assist. There is all sorts of situations,

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even the cases that New York Telephone cites of third parties, really run the gambit of various cases we have cited about corporations giving corporate records, credit cards, video tapes. But also cases of individuals being asked to answer questions, New York--

THE COURT: Give over information.

MS. KOMATIREDDY: Give over information, there is actually one of the cases that New York Telephone cites, involves an order requiring parents, this is <u>Board of Education versus York</u>, 429 F2D 66 in the 10th Circuit, 1970. Order requiring parents to send their son to a particular school, to further a desegregation. That is not necessarily information that is not use of a facility.

But, so I do think that the All Writs Act doesn't specify or limit the nature of the assistance, it simply provides for assistance. The nature of assistance is appropriate consideration under the burden analysis.

THE COURT: Look, clearly if it is not part of applicability, it is part of burden.

New York Tel also, somewhat confusingly, cites the Battington case, which to me is the clearest example, you know conscripting work. The cop gets on the running board of the cab, says follow that car.

And that is to me is the clearest example in New York Tel of the Court saying, you know, here is a way you can

28 - Proceedings use the All Writs Act. What they don't talk about there, 1 2 surprising to me is Battington, there was actually a statute 3 that said it is unlawful for a private citizen to disobey that kind of command. Exactly sort of the opposite of the 4 application of the All Writs Act which is saying as long as it 5 6 is consistent with use-- so, that is what got me wondering 7 frankly if the idea of conscripted service, as opposed to the 8 other kinds of assistance that have been afforded under the 9 All Writs Act is sort of a categorical limit on the 10 applicability. 11 So you are saying-- anything-- I'm sorry, anything--10th Circuit. 12 13 MS. KOMATIREDDY: Board of Education versus York. 14 THE COURT: Anything besides York that I should look 15 at? 16 MS. KOMATIREDDY: I will go back and we can provide 17 further briefing, we will. 18 THE COURT: Okay. 19 MS. KOMATIREDDY: May I also supplement my answer? 20 THE COURT: Please. 21 MS. KOMATIREDDY: Which is, the Court characterized, 22 this as not a situation where Apple is giving over 23 information. The actual process of extracting this data is 24 just that, extracting data. Apple doesn't--25 THE COURT: Talking about information that they

- Proceedings -29 1 currently have. All of these cases are, you know, third 2 party, give me information that you have, or let me use your 3 facilities, right? Or usually combined with one of the other. 4 In any event, you do this anyway. MS. KOMATIREDDY: So this is a combination of giving 5 6 over information and letting the user facilities --7 THE COURT: Not information they have. 8 You want them to go into this phone that you have, 9 and do something that you can't do. You said you can't do. 10 Or here his can't do it. 11 But, this is not information they have. You could 12 not execute any search warrant in Apple's servers right now 13 and get the information you wanted, right? 14 MS. KOMATIREDDY: That's correct, Your Honor. 15 THE COURT: Let me ask you this related question, 16 could you subpoena or use some other form of court process, a 17 warrant, perhaps an All Writs Act order, to have Apple 18 disclose to you, how to get the information from the phone? 19 MS. KOMATIREDDY: I think the federal Government has 20 authority to issue a Grand Jury subpoena, if not a trial 21 subpoena to call a Apple witness and walk us through exactly 22 how they bypass the software. 23 THE COURT: There is existing procedure that allows 24 you to do what you want to do here. 25 MS. KOMATIREDDY: But I think that would be more

30 - Proceedings burdensome to Apple, Your Honor, involving --1 2 THE COURT: Yes, but under Pennsylvania versus 3 Marshals, you can't use the All Writs Act to do something for 4 which there is a procedure available under more specific law, right? 5 6 MS. KOMATIREDDY: Under Pennsylvania versus 7 Marshals, you can't use the All Writs Act to do something that 8 a statute curtails you from doing. 9 THE COURT: There is a statute that establishes Rule 10 You are saying that under Rule 41, you can call them into 41. 11 the Grand Jury, and have them walk you through how to do this? 12 Why doesn't that end the analysis? 13 MS. KOMATIREDDY: Well, Your Honor, you can call 14 them into the Grand Jury. There are a couple of things to 15 consider. First of all, it is not clear having -- called them 16 into the Grand Jury, we don't believe that we have the 17 technical, actual technical capability by which I mean, the 18 device that Apple uses to bypass the pass code. 19 So, there is still a question about whether it is 20 feasible for the Government to do so. 21 Second, calling them into the Grand Jury could cause 22 a higher burden to Apple in terms of their trade secret 23 concerns. 24 THE COURT: That is their call, right? 25 Look, this is such a complicated area, we need to

- Proceedings -31 keep the analytic lines clean, right? You are wrapping into 1 2 burden, there is something that could be worse for them. 3 talking about applicability. Under <u>Pennsylvania versus</u> 4 Marshals, if there is another statutory path available to you, 5 you have to take it, don't you? 6 MS. KOMATIREDDY: If there is a statutory path that doesn't permit what is being asked for. That is not-- what is 7 8 happening here. 9 THE COURT: That is because what you are asking for 10 is being defined so specifically, right? What you are asking for is for Apple to do it for you. 11 MS. KOMATIREDDY: We are asking--12 13 THE COURT: If what you are asking for is let us get at the information in the phone for which we have a warrant. 14 15 It sounds like you are saying you do have a way to do that 16 without application of the All Writs Act. 17 MS. KOMATIREDDY: So, under that theory, Your Honor, 18 you can subpoena, you can use any prior All Writs Act 19 precedent. 20 Take for example, issuing an All Writs Act order to 21 get the credit card records from the credit card company. 22 Under that theory, you can subpoen the credit card witness to 23 testify about the credit card records as opposed to actually, 24 as opposed to actually produce the records. Or you can 25 subpoena the credit card custodian to come into the Grand Jury

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and explain how they accessed those credit card records in the internal system. But that testimony alone we believe will not be sufficient to then go use the system or give the federal Government to use the system to get into the record.

THE COURT: You need the records.

MS. KOMATIREDDY: Yes.

THE COURT: You might need to authenticate those records for, you know, for use in litigation. The testimony about them is not going to be admissible.

But here, what you need is the know how to get to this phone.

MS. KOMATIREDDY: And the technology, Your Honor.

Apple uses this technology in its facilities. It is specific, it can't do this at any Apple store. You have to go to Cupertino headquarters in their facilities, which I suspect can involve a Faraday room, because of remote wire requests.

THE COURT: Let's get rid of the remote wipe request. They said, that they essentially block that request that is pending. Are you saying they are wrong?

MR. ZWILLINGER: Your Honor, if I can clarify that briefly. The brief wasn't intended to suggest that Apple did anything to cause the remote wipe request to not work. It is just a matter of fact that the remote wipe request will not work given the state the device is in. The Court is correct it will not work, but it is not because of action that Apple

33 - Proceedings took. 1 2 THE COURT: If it is not in a bag or room, and 3 connects to the internet. 4 MR. ZWILLINGER: It will not work. 5 THE COURT: Do you have any reason to doubt that 6 representation? 7 MS. KOMATIREDDY: If that is the representation 8 Apple is making, no. 9 THE COURT: So you were saying though why it would 10 not work because they have technology you don't. 11 MS. KOMATIREDDY: That's right. We don't believe 12 testimony alone allows us to get into the device. 13 THE COURT: Okay. 14 You know, this goes back to the thing I will ask you to get back to me on. But, Bower, the his agent who 15 16 testifies. Says they have the device that will do this. 17 MS. KOMATIREDDY: Yes, I notice-- we will follow up 18 with the assistant who has that case. I can tell you from my 19 own personal knowledge, that the particular IOS involved in 20 that case, 8.1.2, there are certain -- this is all very 21 operating system specific. There are-- I have been informed 22 that there are certain technologies that allow the Government 23 independent of Apple, to get into that particular IOS. 24 But based on our investigation, and what the FBI and 25 DEA has told us about the IOS 7 system on the target phone, we

34 - Proceedings are not able to do that. 1 2 THE COURT: Is your representation about what the 3 Government can do based on what the FBI and DEA can do, or are 4 you making this representation on behalf of every, I am using the broadest language deliberately. You make this 5 6 representation on behalf of every deponent of the Government? 7 MS. KOMATIREDDY: No, Your Honor, I would not dare. 8 THE COURT: That is an issue. 9 Look, I don't expect you to easily navigate, the 10 possibility that on the Intel side, the Government has this 11 capability. I would be surprised if you would say it in open 12 court one way or the other. 13 But, you have to make a representation for purposes 14 of the All Writs Act. You have them. MS. KOMATIREDDY: That's correct. 15 16 THE COURT: The Government cannot do this. 17 MS. KOMATIREDDY: When we--18 THE COURT: To make that representation, you need to 19 be right about it. 20 MS. KOMATIREDDY: We are making that representation 21 as the prosecution team. 22 THE COURT: You are not the prosecution team. 23 You want to conscript a third party. Before I do 24 that, don't we have to know that you don't have actually have 25 the capability, and by "you", I mean the United States

- Proceedings -35 Government? 1 2 MS. KOMATIREDDY: I think you have to know the 3 prosecutors in this case and the prosecuting agencies, the FBI 4 and DEA do not have a reasonable available tool. THE COURT: If Southern District U.S. Attorneys' 5 6 office has the technology and know how, you can still make the 7 representation, you have just made. That really allows me to 8 issue an order under the All Writs Act? 9 MS. KOMATIREDDY: That is a interesting 10 hypothetical. I think it is unrealistic, the agency is the 11 same. 12 THE COURT: In terms of which office, not 13 unrealistic. 14 But, that is a joke. 15 MS. KOMATIREDDY: I got it. 16 THE COURT: Look, we can slice it finely or not. But, as opposed to your Brady obligation, Second Circuit law 17 18 clearly saying you are not responsible for everything in every Government office. This is different. You are seeking 19 20 affirmative relief on representation that the Government can't 21 do this. 22 Why don't you have to make that representation for the entire Government? 23 24 MS. KOMATIREDDY: Well, because-- at the end of the 25 day, the question for us is, what is the burden on Apple, and

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is this assistance necessary to effectuate the warrant.

THE COURT: The necessity prong.

MS. KOMATIREDDY: It is the necessity prong, Your Honor, but federal prosecutors don't have an obligation to consult the intelligence community in order to investigate crime. And in fact, in doing so --

THE COURT: You can ignore it. But, when you come to the Court and say it is necessary, because we can't do it, why does that excuse you from saying, well, wait a minute, we can do it, as a Government, but we have organized ourselves for reasons that may make a lot of sense in a way that we choose not to.

MS. KOMATIREDDY: Because fundamentally the All Writs Act is a practical gap filing statute. This is not an academic debate about what is possible.

THE COURT: You are trying to have it both ways on the All Writs Act. On the one hand, you a few minutes ago, you were saying, you look at it narrowly. If Congress is silent, even in the face of lots of evidence, that they really thought about this, decided not to do what is at issue here.

You know, it is fair game, the All Writs Act. Now you are saying, look at it practically. I think you have to choose one or the other.

It gets to an interpretive question that I had which is, the reading of it that says if it is not explicitly

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prohibited by Congress, it is fair game, is one that, I don't have the statute in front of me. Is one that would be achieved by saying, agreeable to the law. But we had these other two words, agreeable to principles and usage of law which seems to go beyond just what is in the statutory text.

And, you know I wonder if you have a definition of those terms that your, your view of the statute doesn't read out of the text.

MS. KOMATIREDDY: So in terms of whether you're looking at the All Writs Act in a practical way or impractical way, our approach is consistent. It is a practical approach.

The reason we don't accept congressional inaction as having legal force, is because that is a practical approach to Congress. Congress has all kinds of reasons it doesn't pass statutes including allowing the status quo to continue when they can't agree on a different way.

THE COURT: Right. But I guess my question is, this is where we get to technical issue principles and usages.

We have for example in CALEA, that broadly regulates an industry with respect to electronic surveillance, and then carves out in some respects, the encryption and puts, you know, clearly defined boundaries on when third parties can be conscripted into the task.

There is a sense of what is the spirit, what is the principles and usages.

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And to my mind that, that is a coherent understanding of the statute. That where you can infer what Congress was intending, from what they have done and what they have not done, you can fill in the gaps to the extent it is consistent with that overall understanding of legislation.

I'm trying to understand how you get to, as long as Congress hasn't explicitly prohibited it, a Court can do it, and make that coherent under the text of the statute.

I phrased it badly.

Make that consistent with a statute that includes not just agreeable to the law but agreeable to principles and usages of law.

MS. KOMATIREDDY: I understand the Court's concern. I think when looking at CALEA that way, I think there is something to be said, if you have a comprehensive legislative scheme. The key there is actually a legislative scheme, one passed into law like CALEA that addresses the issue. If there is in fact comprehensive and addresses ten possible iterations of a particular requested authority, and leaves one out, perhaps there is reasonable inference as a matter of statutory interpretation for an actual statute to say that there is an implied prohibition. We don't have that here. CALEA doesn't even come close to addressing the issue we have here. We don't have a comprehensive statutory scheme about Federal Court's requiring third parties to assist in the execution of

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a valid search warrant.

For as long as that has been happening it has been governed by the All Writs Act. In this particular context with request to bypass of a pass code where a company is already capable of conducting that bypass. There is no specific expressed or implied Congressional action on that issue, which is why the law is left where it is.

THE COURT: I do have a couple of more questions. I don't want you to lose things that you want to say.

MS. KOMATIREDDY: No, that is all right Your Honor.

THE COURT: Your last answer reminded me of this.

In terms of, we have a scheme where courts effectuate warrants by calling on third parties. I asked you before about give me an example, if you have one, requiring a service from a third party.

Your argument on this, this goes to the first element of the New York Telephone which we have not discussed yet, how closely related.

You have inserted into this, I don't mean that pejoratively at all. You sort of cast the argument in terms of something New York Tel doesn't talk about. At least not explicitly. Apple is in a position to thwart your investigation.

I want to make sure I understand. First of all, are they in a position to do anything going forward to thwart the

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investigation or is it simply that before you got the warrant they had done something, created this operating system, that gave somebody else the possibility to thwart an investigation, by turning on encryption.

MS. KOMATIREDDY: We are not making an allegation that Apple would affirmatively do something.

THE COURT: There is nothing that they can do to stand in the way of your investigation other than not take action.

MS. KOMATIREDDY: I can't represent what they are capable of doing in terms of, that is not within my kin. I can say-- the issue, the reason we believe there is cross connection and the way New York Tel frames it, is where a company's services or facilities are being used as part of an ongoing criminal enterprise.

And, in fact, this is more fully discussed in one of the other case, <u>United States versus Hall</u>, which is the credit card records case. It talks at length about the close connection because in that case, it actually says, you know, the case involves federal law enforcement trying to get the credit card records, not of the defendant, but another person, companion.

THE COURT: Come on, in Hall the bank was extending credit to a fugitive, while that person was a fugitive. It was making it possible on a go forward basis, for the fugitive

41 - Proceedings -1 to escape the law. What is Apple doing here that is 2 comparable to that? They are taking some action going forward 3 prospectively that is helping the defendant in your case. 4 MS. KOMATIREDDY: So it was not actually extending credit to the fugitive. It was extending credit to a 5 companion that would have location information. 6 7 THE COURT: While you were trying to catch this 8 person, the bank is taking actions prospectively. What is 9 Apple doing here that is comparable? 10 MS. KOMATIREDDY: The common thread is that it is 11 the company's services that are being used by the criminal. 12 THE COURT: What services of Apple, what service is 13 Apple now providing to the defendant in this case? 14 MS. KOMATIREDDY: There are three services. the actual pass code lock feature. The operating system which 15 16 Apple currently owes and currently licences to the owner of 17 that cellphone. 18 THE COURT: Can they do anything without taking back 19 something they have sold to the defendant or to somebody who gave it to him, short of taking back something they have 20 21 already sold, can they do anything to defeat the encryption 22 here? 23 MS. KOMATIREDDY: I'm sorry, short of taking? They 24 can assist us by bypassing the lock. THE COURT: Yes, for them to do that they have to 25

take it back, you have to give it to them.

MS. KOMATIREDDY: You are saying, take back the phone. They already own the software.

THE COURT: What can they do to the software? I have to say, of all the very good arguments in your brief, the thing about the end user license agreement struck me as a total red herring. I don't get at all, why what the license agreement does in terms of regulating what any of the parties here can do or can't do, that is of any relevance to the dispute here.

MS. KOMATIREDDY: The relevant point is that Apple owns and currently operates the software that is preventing the federal warrant from being executed. Because the pass code lock is enabled and still active. Because the pass code feature that deletes the contents of the phone after ten failed attempts, is possibly enabled and could thwart execution of the search warrant. I understand that Apple has represented that the remote wipe is no longer available. So, we can take that out of-- assuming that is true, we can take that out of the analysis.

The argument stands that it is Apple's software that is currently operating, that stands between a Federal Court's warrant being executed, and evidence of crime being --

THE COURT: Let me ask you, I think we have all been searching for analogies one way or another here. I have seen

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some suggestions about the safe and you know conscripting the locksmith. It seems fanciful.

But here is one that I think is not fanciful. The last company that makes lethal injection drugs, decides to stop doing it. In fact Justice Alito referred to this in recent cases, gorilla warfare by these companies. Right.

So the last company that has been providing drugs for execution, says to the Government, we are no longer going to help you out when it is time to execute somebody in Terre Haute.

Can -- are they thwarting a lawful death sentence by doing that, and can they therefore be compelled under the All Writs Act to re-import something that is held abroad or release something from existing stock or actually manufacture the drug anew?

MS. KOMATIREDDY: So, with each of these, it is a case by case analysis. I think we have to return to the factors under New York Telephone and the factors in the All Writs Act. I think you have to look at what the relevant applicable law is and I have to concede in this area I'm not familiar with the expansive 8th Amendment Law on this.

THE COURT: In terms it is fact specific under the burden, is that relationship close enough for purposes of the first element of New York Tel, to say look, this company, you know they have got the monopoly on this point on doing it, on

making these drugs. Now they are out of business. They are thwarting us from carrying out a lawful death sentence.

Does that get you passed the first step?

MS. KOMATIREDDY: Your Honor, I have to be honest with you here, it is hard to say. Here is the reason I hesitate with this analysis. The analogy is different because there, we are not talking about an order that is a warrant that can-- that can be simply executed but for one step in between. We are talking about a potential death sentence issued by a jury.

THE COURT: Sorry. Look, that is not right. It is an order of the Court. The sentence is, a Court order just as the warrant is a Court order.

MS. KOMATIREDDY: And the question is, whether the company that makes the injection.

THE COURT: They are the last company around and there are fewer of them. We get to the point where there is one. They say, you know what, they are not going to do it, deliberately to try to frustrate public policy, right. We don't want there to be executions, so we are going to withdraw the drug from availability. The All Writs Act, can tell them to do otherwise.

MS. KOMATIREDDY: That would depend on the law of whether you can require a company. That could depend on several things. The relevant Food and Drug law, whether you

can require a company to develop a drug in that manner.

THE COURT: There is silence on this. We are in the exact same position as we are here. You have silence.

You are doing a really wonderful job of representing the Government here, but you understand the question I'm trying to ask.

MS. KOMATIREDDY: I do understand the question. It is a tough question.

The thing that is particularly tough about that question is, it is hard to say, so there are two questions, you have asked. One, does the All Writs Act permit that order. That requires considering all three of the factors. I have.

THE COURT: But that is not the question I asked.

The question I asked is, does the intent to thwart the execution of that death sentence, bring the company closely enough to thwarting of a lawful court order that you satisfied the first element of New York Tel. Not does it satisfy all three elements, just the first.

MS. KOMATIREDDY: So, I don't think it is intended to thwart, but establishes the connection. Based on the case law I reviewed from New York Tel and <u>United States versus</u>

Hall. It is when the company's facilities are being used in some way. I mean this context, in some way, for an illegal purpose. So in that context it would be the company so called

46 - Proceedings facilities, drug making features are being used or not being 1 2 used. 3 THE COURT: Right. 4 MS. KOMATIREDDY: So, the difficult part of that question is, understanding who is sufficiently closely 5 6 connected. It may be that company, it may be someone else is 7 more closely connected. 8 So I --9 THE COURT: Like who? 10 MS. KOMATIREDDY: It may be that you can-- the 11 Federal Government can develop those things on its own. 12 THE COURT: You mean like here, the Government might 13 be able to find the technology and know how on its own, 14 perhaps by asking his. 15 MS. KOMATIREDDY: So. 16 THE COURT: Right? 17 MS. KOMATIREDDY: I think I have addressed the his 18 point. 19 THE COURT: I know. Theoretically the Government 20 can do this. 21 MS. KOMATIREDDY: No, Your Honor. 22 THE COURT: Theoretically, in the hypothetical, the Government can do it on its own. The same here. 23 24 MS. KOMATIREDDY: Based on our investigation, we 25 can't bypass the pass code on this particular phone.

THE COURT: Right. I am positing a scenario, where there is nobody else who is making this drug. So I'm trying to make it as close as possible. I just-- instead of fighting the hypo, I really appreciate addressing the question I'm trying to ask, which is, does it satisfy the first test, that first prong of the New York Tel test in the -- that drug scenario, context.

(Pause.)

MS. KOMATIREDDY: I apologize for taking a moment.

THE COURT: These are hard questions. No problem.

If you want to consider it and get back to me, I completely understand and that is fine.

MS. KOMATIREDDY: Your Honor, the hypothetical is so inflammatory, I would like to consider it and get back to you.

THE COURT: It is purposefully so. Because to some extent, what you are talking about, and this gets to very much the burden in New York Tel. You are saying, it is not much of a burden. And part of how you get there is, well, the American people would not think that, you know, a company would not want to help law enforcement.

But, at some point, not just a matter of marketing and dollars and cents. At some point, a private actor, I'm not saying necessarily Apple has. Somebody can say we don't want to do this. As a matter of conscience, this is something we don't think should be done.

I'm trying to draw parallels intentionally to the company that says, we don't think our drugs should be used to kill people.

Can the All Writs Act compel service over a conscientious objection which is very different from saying, can it compel information or the use of a facility. There is something just categorically different about compelling service.

So, yes, it is intentionally a tough and inflammatory hypothetical because I want to get a sense of how far you are -- understanding of the All Writs Act goes.

MS. KOMATIREDDY: I'm happy to consider that further and get back to you on that Your Honor.

But I would note that in this case, there is no conscientious objection. Apple has been doing this for years without any objection.

THE COURT: Right.

MS. KOMATIREDDY: And they are more concerned about public perception, which is a fair concern, but that is not the law. And, the law shouldn't change that perception.

THE COURT: I don't know if it is or not. I really don't know.

I am almost not completely exhausted the questions I wanted to ask you, I very much appreciate how responsive you have been, especially, you have indulged sort of my jumping

all over the place.

The last one, this goes back belatedly to Congressional inaction.

There is a case from the Ninth Circuit, 1970, that is cited but not really taken on analytically in New York Tel, called application for United States for relief, Ninth Circuit, 1970.

And, in that case, the Ninth Circuit did what I was suggesting before, sort of like looking at the sort of overall state of the legislation, what has been done and what hasn't, and denied the refund of the All Writs Act there.

What was going on there, was a request for telecom assistance for a wire tap after the original statute was passed in 1968, but before Congress acted to-- partly in response to this case, to require telecom assistance.

New York Tel cites it, but I don't think they are really saying they were wrong. They weren't saying they were right either. But it does have a reading of the All Writs Act that seems to be disagreeing with you, about the meaning of Congressional silence or the lack of affirmative legislation.

Again, if you don't have a case clearly in mind that is fine, I will let you respond later.

Did the Ninth Circuit get it wrong there, or can you square it somehow with your understanding of the meaning of Congressional inaction here.

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MS. KOMATIREDDY: I need to review the case to get back to you. The distinction that pops out from the outset is if it is a case about requiring assistance for Title III wire tap and there is a Title III wire tap statute which in itself is an extensive statute already in place. You have the presence of a complicated relatively exhaustive statutory scheme. So there is something to be said there for reading it, that the entirety of that statutory scheme and absence of specific authority which would otherwise be obvious, missing from that statutory scheme.

I am happy to review the case and follow up on that.

THE COURT: I may well have skipped some things, but I want to hear from Apple, give it a chance as well.

But, if you have not had a chance to get to some arguments, I want to hear them.

MS. KOMATIREDDY: Your Honor, we are happy to hear from Apple.

THE COURT: You have been very patient there Apple.

MR. ZWILLINGER: Thank you, Your Honor.

There were two points I wanted to emphasize and the Court touched on both of them. But I just would take a little time to underscore them.

We do believe that providing expert services on a device in the Government's custody, is different than providing access to records or facilities that are in our

possession and control.

In all of the cases that you mentioned, the Government cites, involve records or facilities that are in the third party's control. For example, there were logs from the phone company, there are credit card transactions from a credit card company, there were surveillance tapes in an apartment complex. They were not only in the possession and control of a third party, but they were in the normal course of their business.

Here we put a device in the stream of commerce. The Government is asking us to essentially do what they want and would like to have their own agents do, which is perform forensics services and unlock it. That type of conscription does not have a precedent in the All Writs Act cases that have been cited. So I wanted to focus on that.

The second is, the most important difference between this and what was set out in New York Telephone, is that there is no indication that Congress intended the Government to have this power here.

In New York Telephone, there was a greater included power. There was a greater power which was the power to wire tap the contents of communications. And the Government said that surely has to include the lesser included power of performing a pen register. And not performing the pen register would have frustrated the intent of Congress.

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- Proceedings -52 1 In this situation it is the exact opposite. 2 enforcement is seeking an order that the Congress has never 3 authorized, and it is not a subset of the authority that 4 Congress has already granted. 5 We are talking about CALEA. We agree, that this is outside the bounds of CALEA, but we draw completely different 6 7 conclusions from that. 8 CALEA only covers data in transmissions, but only 9 providers, only certain types of providers, providing certain 10 types of services, were given the obligation to build in a way 11 to assist law enforcement. 12 And, Ms. Komatireddy points out that Apple is 13 outside that scope. 14 (Transcript continues on next page.) 15 16 17 18 19 20 21 22 23 24 25

THE COURT: Are you inside the scope of the information service?

MR. ZWILLINGER: I need to get back to the Court on that. I don't think we've taken a position on that, but we're outside the scope of what's a required actor under <u>CALEA</u>.

THE COURT: Go ahead.

MR. ZWILLINGER: And <u>CALEA</u> is where Congress has been debating making amendments or amending the statue to encompass a wider variety of services and a wider variety of providers and that's the debate that Congress needs to have.

What's going on here is this is not a gap in the law that the All Writs Act would fill in. This is pushing the law to a new frontier and if the government wants these types of authorities to require providers to provide forensic services to the government, I think the place to go is Congress because we can't use the All Writs Act which, as we had some discussion, was passed in 1789 and amended in 1946, to circumvent this question. This is the question of the time which is what is the balance between privacy and government access today and Congress needs to speak on that and if we give the government the power they're asking under the All Writs Act, we circumvent that entire debate.

THE COURT: Can I ask, on the issue of burden, even if you're not sort of legally foreclosed in any way from making the arguments you are making, I am troubled by the fact

that there is a history here and it's not just, you know, saying here is what you need to do, government, if you want something from us. You are writing a request for them and it is hard for me to think of an analogous situation where somebody who does not want to do something says, but I'll tell you how to get it done.

MR. ZWILLINGER: Let me address that.

THE COURT: What explains why you are providing this kind of help? Is it not that, hey, you know, we want to foster law enforcement, we do, we just don't want to be seen out there as, you know, compromising the privacy of our users' devices?

MR. ZWILLINGER: Right. So let me address that in two ways.

First, the legal backdrop of this, by the way, is under New York Tel, the question was is the activity something that the provider does in their normal course of business and is it offensive in any way to the provider.

Apple doesn't do this and never did this voluntarily. Apple was always compelled by a court order to perform these services when it did it and all of that was done in an ex parte proceeding, the same type of proceeding that would result in the authorization of a search warrant.

THE COURT: I'm sorry. It's not just these are ex parte proceedings. You get one of these orders. If you

don't like it, you know you can go to a court and say, you know, relieve us from this obligation or, if you've had several of these things and you don't want to keep doing it, you can seek declaratory judgment, right, because there's clearly the ongoing controversy that will get you past the jurisdictional bar.

If you didn't want to do this, if it was really burdensome to you, do you disagree that you had steps available to you that you have just not taken?

MR. ZWILLINGER: Apple could have challenged the order that they received, there's no question it could have, but also the weight of the authority was that Apple was regularly receiving these orders from magistrates, receiving these orders from courts indicating that Apple was being compelled to do this and no court and no state court or federal court had invited Apple to submit its views.

THE COURT: But, clearly, you don't need to be invited to court when you think your interests are at stake and you have been getting these orders but from the very few that I have seen with the exception of the one in the Southern District which I don't think was to Apple, whatever XXX Inc. was, it appears not to be Apple, but there has been one that's been publicly available out of Oakland.

From all I can see in these cases, there are boilerplate applications and boilerplate orders and nothing

about them, again, from the limited slice of it I've seen, that would have suggested to you, I think, well, it's futile for us to go to court and try to win the case because they've decided the issue.

MR. ZWILLINGER: Well, I would think the fact that we were repeatedly getting these orders and being contacted by law enforcement did play into the fact that it seemed that this had been somewhat settled views and settled authority from multiple judges.

THE COURT: But, look, you know how it works, especially at the magistrate level. There are plenty of just very pro forma applications and orders that get signed and the fact that that happens doesn't necessarily indicate that the issue has been given the kind of thought that would be required if you were to challenge it and seek to vindicate your perceived rights.

So, I am just trying to understand why I shouldn't read something into the fact that you have never tried to challenge these orders.

MR. ZWILLINGER: Let me make one comment about the language though because I think it's important.

One of the reasons for the language that we offered to law enforcement is because we were getting so many orders and the orders were not consistent as to what Apple was and wasn't required to do, and because there were questions related to, you know, does Apple have to decrypt the device,
does Apple have to do X or Y, certain language was come up

with so that if Apple saw that in an order, it would be clear,

4 one, that it was being compelled to perform these services,

5 and it wasn't, you know, any voluntary action on its part,

two, exactly what services it was being required to do and

7 | what it wasn't required to do.

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So, the point of the standardized language was, in fact, because we were getting these with such frequency, that we wanted to accomplish that and make it clear that we were being compelled.

THE COURT: Okay.

MR. ZWILLINGER: So I don't think giving the language is a concession to the fact that the All Writs Act provides authority to issues those types of orders.

THE COURT: Look, your language doesn't invoke the All Writs Act, I get that, but in terms of the burden, first, you haven't challenged it and you still haven't explained why not. Second, you provided language for reasons I understand about consistency, but you also did not say anything about burdens beyond the immediate expense.

If you are saying we want to craft language that is going to say here's exactly what we have to do, you require, if I'm not mistaken -- I don't have the language in front of me. Do you require compensation?

MR. ZWILLINGER: No, we've never required compensation.

THE COURT: But you can, and you don't do anything about that.

I mean, the point is well taken that Apple is a pretty darn big company, maybe they don't care so much about the costs of these 70 things in the big picture. It just seems to me that there's a dog that didn't bark here.

MR. ZWILLINGER: I think the way to address this, Your Honor, is the following.

Right now, Apple is aware that customer data is under siege from a variety of different directions. Never has the privacy and security of customer data been as important as it is now. And, in fact, Apple built an operating system which is why we're only talking here about IOS 7 systems, operating systems IOS 8 and IOS 9, that puts Apple in a position where it cannot do this, that is, going forward with 390 percent of the devices involved, Apple cannot perform these services. So, Apple has taken itself out of the middle of being in a position where it can be used as an attack vector or in any way to compromise the security and privacy of customer devices.

So, when the court asks Apple today does the All Writs Act provide authority to force it to do this, Apple says no, it does not, because what we are being forced to do is

expert forensic services, we're being forced to become an agent of law enforcement and we cannot be forced to do that with our old devices or with our new devices.

THE COURT: One of the arguments you make about burden is that complying with the order implicates the trust relationship that you have with your customers. I'm not sure I understand why.

I mean, as you have taken pains to make clear in the language you propose, you only break into one of these phones if you're compelled by law. Well, we all have an obligation to follow the law. So how does that imperil the trust consumers have?

MR. ZWILLINGER: Well, it's a somewhat ironic question in light of the prior question which is why hasn't Apple been challenging these in the past. That is, if Apple in a position where it is no longer going to be able to turn these devices and bypass them and give data to law enforcement and now Apple is being invited by this court to comment on its views, I think Apple's views are we are not in the business of accessing our customers' data, we have never been in the business of accessing our customers' data and we shouldn't be in that business either on our own or being conscripted by law enforcement.

THE COURT: Okay. Explain to me sort of the path from you're ordered to do something unwillingly to because you

did so, consumers lose confidence in you.

MR. ZWILLINGER: I think it's the same question you asked me a minute ago, why didn't Apple challenge the prior orders.

THE COURT: No, it's not. It's really a different question. That's why I'm asking it again.

In other words, tell me the thought process in some hypothetical consumer's head.

MR. ZWILLINGER: Well, I think a hypothetical consumer could think if Apple is not in the business of accessing my data and if Apple has built a system to prevent itself from accessing data, why is it continuing to comply with orders that don't have a clear lawful basis in doing so.

THE COURT: Well, clear lawful basis, but when a court says you must do it, and I have considered your arguments about a lawful basis, and still saying, sorry, you have an obligation or you're paying a fine or somebody is going to jail, how does that imperil trust?

MR. ZWILLINGER: So I think the answer is if it becomes crystal clear, if you say and whatever other court this goes to after you say that the All Writs Act provides clear authority to do this and that we have found that there's sufficient basis in law to conscript you into government service, then it wouldn't undermine customer trust, but at this point, it does because right now, it's not clear.

THE COURT: But, see, that's why I'm having trouble and it does go back to the earlier question.

The thing that does seem to imperil consumer trust is not that you comply with a court order, but that you don't take all the steps available to you to fight that order before complying.

Here, you're doing that at invitation and I don't know what plans, if any, and you don't have to tell me what lies ahead if I grant the government's motion, but you have had apparently 70 prior instances where you have not taken the steps available to you. That I can see imperils the trust, but complying with an order after you fight it, how is that going to do it? And if you want, address why doesn't it imperil trust to the point that it's hard for me to put much weight on your burden argument if in the past you haven't taken these steps.

MR. ZWILLINGER: Well, I think of two things.

One is having been in this area of law a while, we have seen the law evolve. Right? There was a time when cell site data was available with a mere subpoena by the government. There was a time when contents of communications was available with a subpoena or court order by the government and now it's accepted as somewhat orthodoxy that a warrant is required for contents of communications.

So, the law evolves and by understanding that the

All Writs Act doesn't provide the clear cut authority that 1 2 Apple once may have thought it did, I think Apple has to 3 continue to say that if Apple is forced to do what it does not want to do -- right? The court posited the question before, 4 is Apple saying it does not want to do this. Apple is saying 5 6 it does not want to do this. It does not want to be in the 7 business of being a mechanism by which customer data is 8 Although it will comply with lawful orders when 9 required to do so, it doesn't think that that's the position 10 that Apple should be in and Apple has communicated to its 11 consumers that it doesn't want to be in that position. 12 THE COURT: I was discussing with Ms. Komatireddy 13 alternate means that might be available. 14 MR. ZWILLINGER: Yes. 15 THE COURT: What's your take on, from both a 16 technical level and the legal one, the alternative of subpoena or other process ordering Apple to tell the government how to 17 18 break into the phone? 19 MR. ZWILLINGER: So, before I address that, can I 20 clarify something on the record --21 THE COURT: Yes. 22 MR. ZWILLINGER: -- with regard to the question you 23 asked about the Djibo case? 24 THE COURT: Yes. 25 MR. ZWILLINGER: It was my understanding that

1 Ms. Komatireddy said that this concerns an IOS 8 system.

2 Apple is not aware of any mechanism to break into an IOS 8 or

IOS 9. Not aware of it at all. I think this was speculation

in the testimony, but the testimony did say that the declarant

here or the person testifying, the forensic expert, said that

6 he personally broke an IOS, an iPhone 4S running 7.0.

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THE COURT: But he was also saying that he understands that it has been used successfully for 8.1.2 which is the phone --

MR. ZWILLINGER: We're not aware of that. We're not aware of that indication. We have heard that there were third parties advertising the ability, forensic service providers the ability to access a 7.0 phone. We have no independent verification of that, but we had heard that as well. So there may be other means for this case for this phone although we don't think those exist in the future.

As to your question, however, we do agree with the government that we do not think there's an easy mechanism by which Apple can disclose to the government the method of access.

THE COURT: Technically or legally?

MR. ZWILLINGER: Well, we don't think, legally, we can be forced but, technically, we don't think it would work.

The way the system is configured, it requires certain authentication from our servers and on that point, I think

Ms. Komatireddy was correct that we couldn't provide the instruction manual that would just work.

THE COURT: Just to close the loop, why, legally?
What would be the bar to the subpoena or even an All Writs Act order because information is clearly something that an All Writs Act order covers obviously?

MR. ZWILLINGER: I think it would be forcing the company to disclose some of the most confidential trade secrets it has and I think Apple would find that the legal justification in this case wouldn't be there for that type of order, we would argue.

THE COURT: Burden or just not --

MR. ZWILLINGER: Even more. I mean, we're talking about at this point, you know, the most confidential trade secret issue, but we don't think we have to get there. We agree with the government that the system requires Apple authentication.

THE COURT: Okay. There was another burden question

I wanted to ask you and it slipped my mind unfortunately.

MR. ZWILLINGER: If I could, Your Honor.

THE COURT: Yes. Go ahead, please.

MR. ZWILLINGER: I do think Ms. Komatireddy's argument or review of what Congress has been discussing is far too narrow. She said the debate was just about providing law enforcement access to certain types of communications. I

don't think that's what the debate has been about. The debate has been an entire societal debate about the role of providers and being required to assist law enforcement and I think the debate covers this topic and a variety of other topics.

So, this doctrine that Congressional inaction can't be used as a basis for making this decision I think doesn't apply in All Writs Act. The whole point of All Writs Act is to figure out what Congress has passed and hasn't passed and are you filling in a scheme that has some interstitial problems or are you giving authority that Congress never intended. So I think you have to look at what Congress has done and hasn't done. CALEA is a comprehensive scheme by which certain types of providers are required to provide assistance for law enforcement. That's the title of the statute.

So, I don't think her view is correct. I think, one, you have to consider what Congress has chosen not to do and, two, you have to lock at <u>CALEA</u> and say what was the bargain struck with <u>CALEA</u>, who was required to perform services and who was not, and then decide whether this is an issue that the court can fill in.

THE COURT: This does remind me of the question I had before and it was somewhat related.

Look, is it really burdensome for you in a bigger picture sense to do what the government wants here? And there

are two things I have in mind.

One is, in sort of a narrower sense, your brief almost makes the argument. It's an advertisement for buying our new phones, right, because we won't be able to do this. If you just get our newer phone, we can't do this for the government. So, yes, sell more phones.

The second one, and not quite as facetiously, there is a broader societal debate and it seems that it's reached a point somewhat to your liking quite recently which is as things currently stand, the administration isn't seeking back-door legislation.

Are you worried at all that a decision here and in other courts like it saying you can't rely on the All Writs Act which the government may have been assuming it could would reopen the question for the government and for Congress to have back-door legislation.

In other words, are you better off having the transitory orders under the All Writs Act?

MR. ZWILLINGER: I think on the second point first, Apple is better off for having a robust public debate that if new authority is going to be granted and we do this, leading down the road to all sorts of new authorities, it should be done by Congress. So whether advantageous -- the result is advantageous or not, the process is right to go to Congress and have a public debate and not to do it this way.

THE COURT: Okay.

MR. ZWILLINGER: Going back to your first point about the advertisement for the new phones, one of the problems with the type of authority that the government is seeking is that it's hard to draw the line where it stops. Would it stop at unlocking? Why wouldn't the government say all the same things about modifying software? Why wouldn't they claim we have a Title III order and the only way to get it to be implemented is if we ask you to you make changes to the product?

THE COURT: There was a case like that, wasn't there? I'm blanking on it. It was essentially trying to set down an update to the phone that would allow the government to do something that it had gotten authority for. Does that ring any bells?

MR. ZWILLINGER: We're not aware.

THE COURT: I'm sorry. I hope I'm not making it up. Go ahead.

MR. ZWILLINGER: The point is that the line drawing question, that is, the authority they're seeking, if Apple stays sufficiently involved with a product that's admittedly locked and in a draw, the argument under <a href="New York Tel">New York Tel</a> prong one that we're sufficiently involved in this product, we're doing nothing with this device right now. It's sitting in a drawer locked. We're providing no services to it. If the

68 government thinks that we're sufficiently entangled with it 1 2 such that we can be ordered to take affirmative steps, it 3 doesn't seem obvious where that line stops. 4 So, the question is isn't this just solved, everybody will just buy the new phone, no, not if this 5 6 authority that the government is seeking is granted because it 7 is not clear how far it will extend. 8 THE COURT: All right. I didn't want to keep you 9 from making other arguments you wanted to make. 10 MR. ZWILLINGER: If you would give me one moment. 11 THE COURT: Sure. Yes. 12 (Pause.) 13 MR. ZWILLINGER: Your Honor, I think we've made all the affirmative points. 14 15 THE COURT: Do you want to add something in 16 response? 17 MS. KOMATIREDDY: Yes, Your Honor. I just wanted to 18 make two points to supplement the record. 19 First, I know the Court's main question was what All 20 Writs Act authority is there to require actual assistance, 21 services, not just information. 22 THE COURT: Yes. 23 MS. KOMATIREDDY: And I think a fair way to 24 characterize what's going on here is that we are asking for 25 technical assistance. We're also asking for information as

counsel just represented, the actual bypass and process information required from Apple's servers that it has.

If you look at <u>New York Telephone</u> and one of the other cases that we've cited from the District of Puerto Rico, <u>In Re Application</u>, which orders the phone company to assist in essential monitoring, in those cases, the court issues All Writs Act orders both for information and for technical assistance in order to effectuate that particular obtaining of information. So, labor is conceived as part of the types of assistance that a court can require.

MR. ZWILLINGER: Your Honor, I'm very glad she brought up that District of Puerto Rico case because I think she's reading it exactly wrong. The court denied authority under the All Writs Act in that case. The court ruled that the All Writs Act did not provide a basis for authority and said Rule 41 provided the authority.

THE COURT: I'm reminded of Judge Nickerson who argued before the Supreme Court. One Justice thought a case said one thing and another one thought it said something. The lawyers argued very different readings of the same case and a Justice said, well, how are we supposed to resolve this? And Judge Nickerson said, I'm afraid Your Honor will just have to read the case. I have to do that.

MR. ZWILLINGER: I would proffer that but the language is fairly clear. The government has -- issuance of

1 the requested order directly under the All Writs Act would not

2 be necessary or appropriate in aid of this court's

3 jurisdiction where no jurisdiction exists thus, there must be

a separate jurisdictional basis for me to grant this

application.

MS. KOMATIREDDY: You're right, and the separate jurisdictional basis is Rule 41.

I mean, the thing is with these All Writs Act orders, historically what's happened is the government has asked for two things. One, it's asked for the court to provide, to allow it to obtain a certain amount of information and provide, through the All Writs Act, access and authority to get that information and then, second, for the court to instruct a third party to assist in obtaining that information.

Here, we don't have to do that. This case is actually more narrow because the government has separate legal authority, a search warrant, to obtain the data. All we're asking for is technical assistance.

THE COURT: I get it. One last thing.

The <u>Pennsylvania versus Marshals</u> case, the court ended up saying there that the court could not require the Marshal Service to transport a prisoner who was required to be in federal court. Right?

MS. KOMATIREDDY: Right, but, Your Honor, in that

case, there was actually a habeas statute that was directly on point and the habeas statute had a provision that said that state court personnel were required to do the transfer. So in that instance, again, you have a statute that is not on point. Very different from here.

THE COURT: If not by statute, I know it's counterfactual, would it pass the burden test and all the other prongs of <a href="New York Tel">New York Tel</a>?

MS. KOMATIREDDY: I think so. It depends a little bit on the burden. I think the question about close connection is easier there because if it's a transfer as it was in that case of a state prisoner to a federal facility, at least the United States Marshals have some relation to the federal, to that part of the system.

THE COURT: But they're not standing in the way of the transport. They're just not doing it.

MS. KOMATIREDDY: Yes.

THE COURT: In other words, in that way, it seems to be very analogous to this case.

MS. KOMATIREDDY: That's true, Your Honor, and I think this is why it's important to look at all of the factual situations of that particular circumstance because in all likelihood, if I were to suppose what would happen in that situation, the court gives an order to transfer a particular prisoner, the government probably would just send an agent as

opposed to request the assistance of marshals.

THE COURT: Right. You said there was a second case.

MS. KOMATIREDDY: Yes, Your Honor. We followed up with the Assistant who handled the case in <u>Djibo</u>, 15-CR-088, and I'll at least provide some additional information on how we believe we got into this pass code, but I want to represent to the court that I'll personally follow it up after our hearing is over.

My understanding is I'm advised the technology in that case worked by trying every possible pass code. In that case, they did not have a reason to believe that the feature that initiates a wipe after ten failed attempts was activated. Here --

THE COURT: The testimony, and I know you haven't had a chance to read it, but the testimony talks about that and defeating that, I won't pretend to have followed exactly the technical explanation, but to defeat that, rather than it wasn't turned on.

MS. KOMATIREDDY: All right. You know, in terms of better practice, let me consult with the AUSA and I'll get back to you.

THE COURT: Okay.

All right. Everybody, this has been very, very helpful and really wonderful advocacy by both sides. I am

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    happy to set a schedule for you to get back to me on the
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    various items that have come up, just a letter from each side.
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              How long do you want? I would like simultaneous
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    letters rather than giving one side priority over the other.
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              MS. KOMATIREDDY: We would request two days so
    Wednesday.
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              THE COURT:
                          Wednesday. Would that work for you
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    guys?
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              MR. ZWILLINGER: I think we can do Wednesday.
              THE COURT: Okay. Great.
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              MR. ZWILLINGER: Thank you, Your Honor.
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              THE COURT: All right. Then I will get a decision
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    out as quickly as I can.
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              Thank you all. Have a very good day.
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              MS. KOMATIREDDY: Thank you, Judge.
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               (Matter concluded.)
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